

55. (New) The particle production system of claim 20 wherein the plurality of reactant inlets is three reactant inlets.

56. (New) The particle production system of claim 20 comprising a plurality of product outlets and a manifold connected to the product outlets such that the product particles are mixed within the manifold.

57. (New) The particle production system of claim 56 wherein two reactant streams generate product particles with different compositions from each other.

58. (New) The particle production system of claim 20 wherein the collection apparatus comprises a cylindrical filter positioned to collect a substantial amount of the product particles from the one or more product outlets.

59. (New) The particle production system of claim 20 wherein the collection apparatus comprises a tank with a plurality of filters, the tank having an inlet and an exhaust, wherein the tank inlet is connected to the one or more product outlets.

60. (New) The particle production system of claim 59 wherein a manifold connects a plurality of product outlets with the tank inlet.

61. (New) The particle production system of claim 59 wherein the collection apparatus further comprises a collection container to collect particles dislodged from the plurality of filters.

62. (New) The particle production system of claim 61 wherein the collection apparatus further comprises a valve connecting the collection container with the tank.

---

REMARKS

Claims 20-27 and 52-62 are pending. By this Amendment, new claims 52-62 are added. The specification has been amended to update references to pending applications. Applicants